

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S111	45	(replac\$6 substitut\$4 chang\$4 modif\$4) same karaoke same (fundamental pitch) same (speaker singer)	US-PGPUB; USPAT	OR	ON	2010/10/28 18:49
S114	64	(fundamental pitch) with (time duration) and extract\$4 and ((speech) with (music sing\$4 song)) and (replac\$6 substitut\$4) with (fundamental pitch)	USPAT	OR	ON	2010/10/28 18:50
S115	19	(fundamental pitch) with (time duration) and extract\$4 and ((speech) with (music sing\$4 song)) and (replac\$6 substitut\$4) with (fundamental pitch) same speech	USPAT	OR	ON	2010/10/28 18:50
S116	19	(fundamental pitch) with (time duration) and extract\$4 and ((speech) with (music sing\$4 song)) and (replac\$6 substitut\$4) with (fundamental pitch) same speech	USPAT	OR	ON	2010/10/28 18:51
S117	19	@ad<"20050321" and (fundamental pitch) with (time duration) and extract\$4 and ((speech) with (music sing\$4 song)) and (replac\$6 substitut\$4) with (fundamental pitch) same speech	USPAT	OR	ON	2010/10/28 18:52
S118	17	(fundamental pich) with (speaker singer) and extract\$4 and ((speech) with (music sing\$4 song)) and (replac\$6 substitut\$4) same (fundamental pitch)	US-PGPUB; USPAT	OR	ON	2010/10/28 18:52

S119	23	extract\$4 and ((speech) same (music sing\$4 song)) and (replac\$6 substitut\$4) same (fundamental pitch) same (speaker singer)	US-PGPUB; USPAT	OR	ON	2010/10/28 18:53
S120	107	@ad<"20050321" and (fundamental pitch) and duration and extract\$4 and (mix\$4 combin\$4) same (speech voice) with (music song) and (replac\$4 substitut\$4)	US-PGPUB; USPAT	OR	ON	2010/10/28 18:53
S123	6	"704"/\$.cds. and @ad<"20030321" and (fundamental pitch) and duration and instrument and extract\$4 and (mix\$4 combin\$4) same (speech) with (music\$4 song sing\$4)	US-PGPUB; USPAT	OR	ON	2010/10/28 18:54
S124	174	karaoke and (replac\$6 substitut\$4 chang\$4 modif\$4) same (fundamental pitch) same (speaker singer perform artist celebrity)	US-PGPUB; USPAT	OR	ON	2010/10/28 18:57
S125	17	karaoke same speech and (replac\$6 substitut\$4 chang\$4 modif\$4) same (fundamental pitch) same (speaker singer perform artist celebrity)	US-PGPUB; USPAT	OR	ON	2010/10/28 18:57
S126	1	karaoke same speech and (replac\$6 substitut\$4 ) same (fundamental pitch) same (speaker singer perform artist celebrity)	US-PGPUB; USPAT	OR	ON	2010/10/28 18:57
S127	20	karaoke and speech and mix\$4 same (music song) and (replac\$6 substitut\$4 chang\$4 modif\$4) same (fundamental pitch) same (speaker singer perform artist celebrity)	US-PGPUB; USPAT	OR	ON	2010/10/28 18:59

S128	12	@ad<"20030321" and karaoke and speech and mix\$4 same (music song) and (replac\$6 substitut\$4 chang\$4 modif\$4) same (fundamental pitch) same (speaker singer perform artist celebrity)	US-PGPUB; USPAT	OR	ON	2010/10/28 18:59
S129	15	@ad<"20030321" and karaoke and speech and mix\$4 and (replac\$6 substitut\$4 chang\$4 modif\$4) same (fundamental pitch) same (speaker singer perform artist celebrity) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:02
S130	15	@ad<"20030321" and karaoke and speech and mix\$4 and (replac\$6 substitut\$4 chang\$4 modif\$4) with (fundamental pitch) with (speaker singer perform artist celebrity user reference player) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:03
S133	18	@ad<"20030321" and karaoke and speech and mix\$4 and (replac\$6 substitut\$4 chang\$4 modif\$4 edit\$4) with (fundamental pitch) with (speaker singer perform artist celebrity user reference player) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:08
S134	10	@ad<"20030321" and karaoke and speech and mix\$4 and (replac\$6 substitut\$4 chang\$4 modif\$4 edit\$4) near5 (fundamental pitch) with (speaker singer perform artist celebrity user reference player) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:09

S137	1	@ad<"20030321" and speech and mix\$4 and (replac\$6 substitut\$4 ) near3 (fundamental pitch) with (speaker singer perform artist celebrity user reference player music\$4 instrument song sound voice) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:12
S143	21	@ad<"20030321" and speech and (replac\$6 substitut\$4 ) near3 (fundamental pitch) with (speaker singer performer artist celebrity user reference player music\$4 instrument song sound voice)	US-PGPUB; USPAT	OR	ON	2010/10/28 19:18
S144	6	@ad<"20030321" and speech and mix\$4 and (replac\$6 substitut\$4 ) near3 (fundamental pitch) with (speaker singer performer artist celebrity user reference player music\$4 instrument song sound voice)	US-PGPUB; USPAT	OR	ON	2010/10/28 19:18
S145	1	@ad<"20030321" and speech and mix\$4 and (replac\$6 substitut\$4 ) near3 (fundamental pitch) with (speaker singer performer artist celebrity user reference player music\$4 instrument song sound voice) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:19
S146	25	@ad<"20030321" and speech and mix\$4 and (replac\$6 substitut\$4 ) near3 (fundamental pitch) and (replac\$6 substitut\$4 ) with (speaker singer performer artist celebrity user reference player music\$4 instrument song sound voice)	US-PGPUB; USPAT	OR	ON	2010/10/28 19:22

S147	11	@ad<"20030321" and speech and mix\$4 and (replac\$6 substitut\$4 ) near3 (fundamental pitch) and (replac\$6 substitut\$4 ) with (speaker singer performer artist celebrity user reference player music\$4 instrument song sound voice) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:23
S148	2	@ad<"20030321" and karaoke and speech and mix\$4 and (replac\$6 substitut\$4 ) near3 (fundamental pitch) and (replac\$6 substitut\$4 ) with (speaker singer performer artist celebrity user reference player music\$4 instrument song sound voice) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:23
S149	2	@ad<"20030321" and karaoke and speech and mix\$4 and (replac\$6 substitut\$4 ) near3 (fundamental pitch) and (replac\$6 substitut\$4 chang\$4 edit\$4 modif\$4 ) with (speaker singer performer artist celebrity user reference player music\$4 instrument song sound voice) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:27
S150	12	@ad<"20030321" and speech and mix\$4 and (replac\$6 substitut\$4 ) near3 (fundamental pitch) and (replac\$6 substitut\$4 chang\$4 edit\$4 modif\$4 ) with (speaker singer performer artist celebrity user reference player music\$4 instrument song sound voice) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:27

S151	21	@ad< "20030321" and karaoke and speech and mix\$4 and (replac\$6 substitut\$4 chang\$4 edit \$4 modif\$4 ) near3 (fundamental pitch) and (replac\$6 substitut\$4 chang\$4 edit\$4 modif\$4 ) with (speaker singer performer artist celebrity user reference player music\$4 instrument song sound voice) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:33
S152	14	@ad< "20030321" and karaoke and speech and mix\$4 and (replac\$6 substitut\$4 chang\$4 edit \$4 modif\$4 ) near3 (fundamental pitch) and (replac\$6 substitut\$4 ) with (speaker singer performer artist celebrity user reference player music\$4 instrument song sound voice) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:44
S154	15	@ad< "20030321" and karaoke and speech and mix\$4 and (replac\$6 substitut\$4 chang\$4 edit \$4 modif\$4 ) near3 (fundamental pitch) and (replac\$6 substitut\$4 ) with (speaker singer performer artist celebrity user reference target original player music\$4 instrument song sound voice) and midi	US-PGPUB; USPAT	OR	ON	2010/10/28 19:54
S155	1	@ad< "20050321" and ((speech speaker) with (replac\$6 substitut\$4 alter \$4) near3 (fundamental pitch) with (singer performer artist celebrity player music\$4 instrument song) and (duration time) with instrument with (note score))	US-PGPUB; USPAT	OR	ON	2010/10/29 12:07

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S156	1	@ad< "20090321" and ((speech speaker) with (replac\$6 substitut\$4 alter \$4) near3 (fundamental pitch) with (singer performer artist celebrity player music\$4 instrument song) and (duration time) with instrument with (note score)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/29 11:59
S157	0	704/201.ccls. and @ad< "20090321" and ((speech speaker) with (replac\$6 substitut\$4 alter \$4) near3 (fundamental pitch) with (singer performer artist celebrity player music\$4 instrument song) and (duration time) with instrument with (note score)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/29 12:03
S158	0	704/278.ccls. and @ad< "20090321" and ((speech speaker) with (replac\$6 substitut\$4 alter \$4) near3 (fundamental pitch) with (singer performer artist celebrity player music\$4 instrument song) and (duration time) with instrument with (note score)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/29 12:03
S159	1	704/205.ccls. and @ad< "20090321" and ((speech speaker) with (replac\$6 substitut\$4 alter \$4) near3 (fundamental pitch) with (singer performer artist celebrity player music\$4 instrument song) and (duration time) with instrument with (note score)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/29 12:03

S160	0	704/207.ccls. and @ad<"20090321" and ((speech speaker) with (replac\$6 substitut\$4 alter \$4) near3 (fundamental pitch) with (singer performer artist celebrity player music\$4 instrument song) and (duration time) with instrument with (note score)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/29 12:03
S161	0	704/272.ccls. and @ad<"20090321" and ((speech speaker) with (replac\$6 substitut\$4 alter \$4) near3 (fundamental pitch) with (singer performer artist celebrity player music\$4 instrument song) and (duration time) with instrument with (note score)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/29 12:04
S162	1	"704"\$.ccls. and @ad<"20090321" and ((speech speaker) with (replac\$6 substitut\$4 alter \$4) near3 (fundamental pitch) with (singer performer artist celebrity player music\$4 instrument song) and (duration time) with instrument with (note score)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/29 12:04
S163	1	@ad<"20090321" and ((speech speaker) with (replac\$6 substitut\$4 alter \$4) near3 (fundamental pitch) with (singer performer artist celebrity player music\$4 instrument song) and (duration time) with instrument with (note score)).clm.	US-PGPUB; USPAT; UPAD	OR	ON	2010/10/29 12:04



S164	1	(Fourquin-Xavier\$ Bonnard-Pierre\$).in. and ((speech speaker) with (replac\$6 substitut\$4 alter \$4) near3 (fundamental pitch) with (singer performer artist celebrity player music\$4 instrument song) ).dm.	US- PGPUB; USPAT; UPAD	OR	ON	2010/10/29 12:06
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